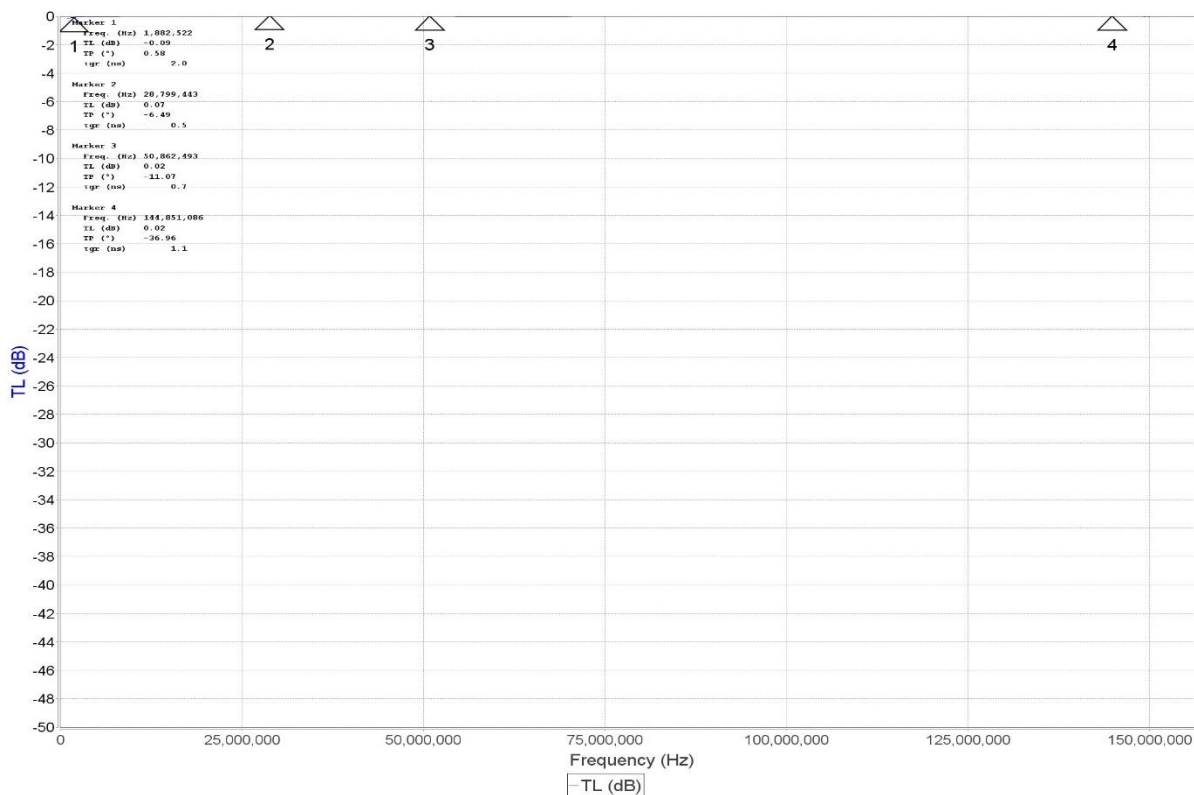


**ASW 8***8-way remote controlled antenna switch***Product features:**

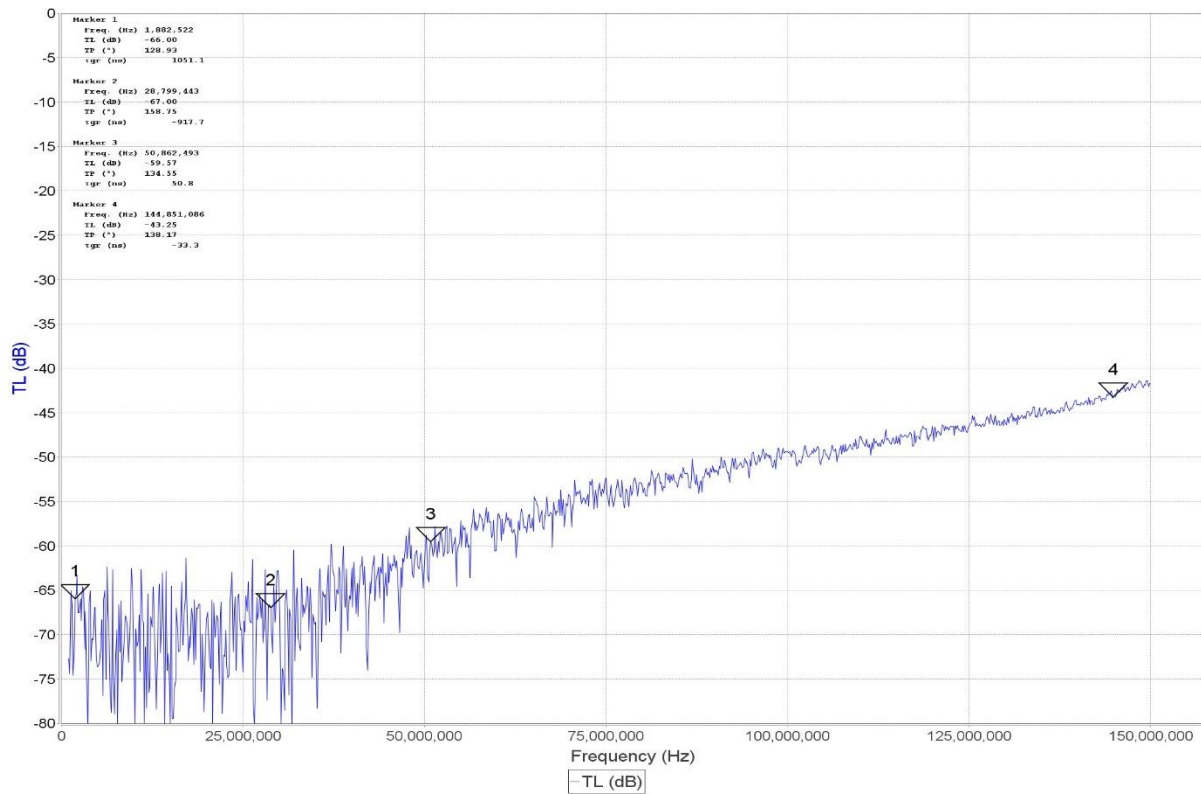
<b>Frequency range:</b>	DC up to 146 MHz
<b>Number of ports:</b>	8
<b>Port type:</b>	PL-259 (with Teflon insulator and gold plated center)
<b>Indoor unit dimensions:</b>	155x100x65 mm
<b>Indoor unit weight:</b>	0.5 kg
<b>Outdoor unit dimensions:</b>	190x190x100 mm
<b>Outdoor unit weight:</b>	0.8 kg
<b>Outdoor unit max. mounting diameter:</b>	50 mm
<b>Outdoor unit cover material:</b>	UV stabilized ABS (black)
<b>Outdoor unit connector holder plate:</b>	Sintered aluminium
<b>Package weight:</b>	1.75 kg
<b>Package includes:</b>	Indoor unit Outdoor unit AC power cable (2 m) Galvanized mounting brackets Block terminal connectors (2 pcs)

**Diagrams:**

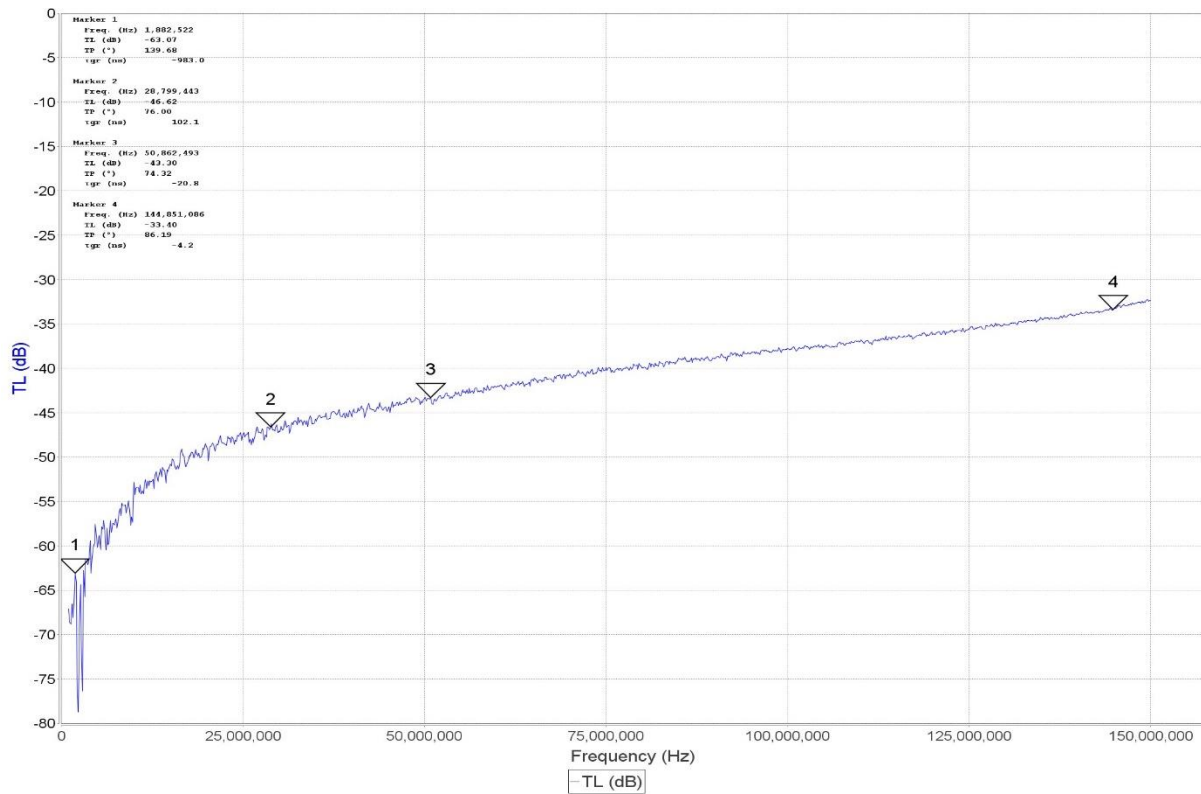
**Insertion loss:**



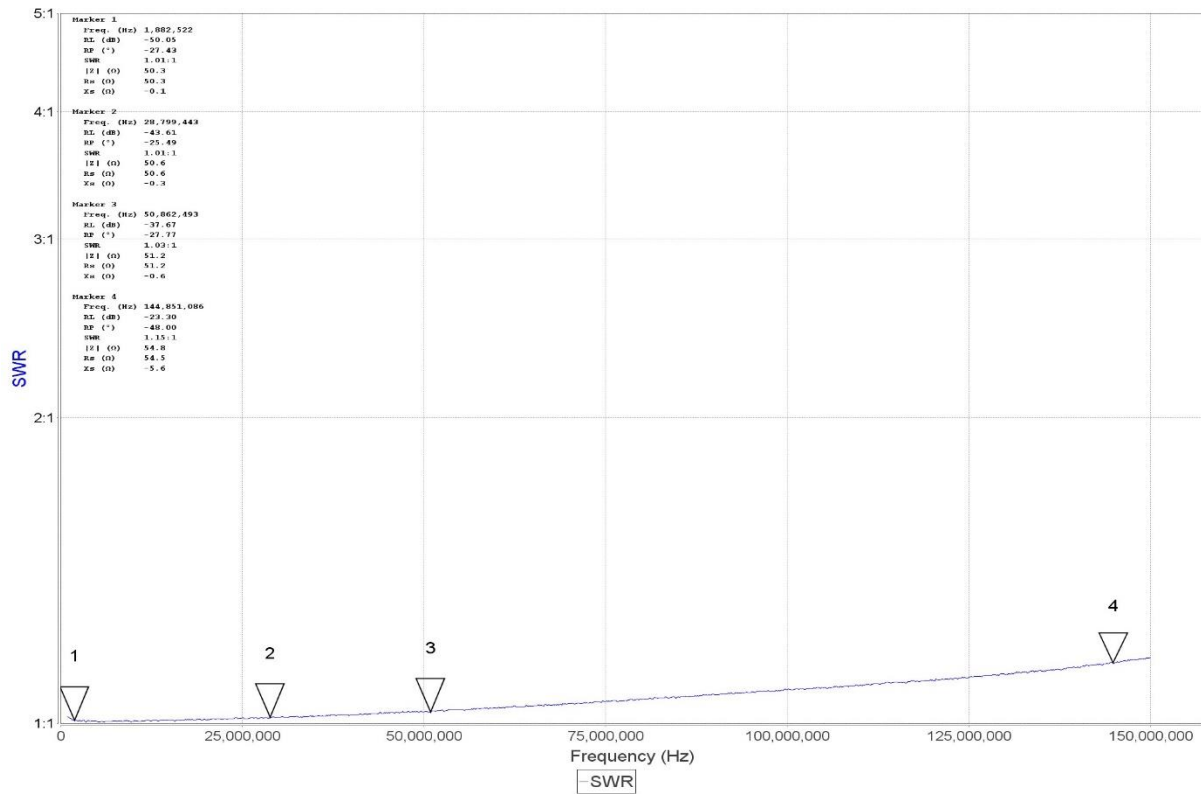
Marker	Freq. (Hz)	TL (dB)	TP (°)	Z  ( )	Rs ( )	Xs ( )	Theta	gr (ns)
1	1,882,522	-0.09	0.58	0.0	0.0	0.0	0.0	2.0
2	28,799,443	0.07	-6.49	0.0	0.0	0.0	0.0	0.5
1-2	26,916,921	0.16	7.07	0.0	0.0	0.0	0.0	---
3	50,862,493	0.02	-11.07	0.0	0.0	0.0	0.0	0.7
4	144,851,086	0.02	-36.96	0.0	0.0	0.0	0.0	1.1

**Isolation of 2 not neighboring channels 1-146 MHz:**

Marker	Freq. (Hz)	TL (dB)	TP (°)	Z  (Ω)	Rs (Ω)	Xs (Ω)	Theta	gr (ns)
1	1,882,522	-66.00	128.93	0.0	0.0	0.0	0.0	1051.1
2	28,799,443	-67.00	158.75	0.0	0.0	0.0	0.0	-917.7
1-2	26,916,921	1.00	29.83	0.0	0.0	0.0	0.0	---
3	50,862,493	-59.57	134.55	0.0	0.0	0.0	0.0	50.8
4	144,851,086	-43.25	138.17	0.0	0.0	0.0	0.0	-33.3

**Isolation of 2 neighboring channels 1-146 MHz:**

Marker	Freq. (Hz)	TL (dB)	TP (°)	Z  (Ω)	Rs (Ω)	Xs (Ω)	Theta	gr (ns)
1	1,882,522	-63.07	139.68	0.0	0.0	0.0	0.0	-983.0
2	28,799,443	-46.62	76.00	0.0	0.0	0.0	0.0	102.1
1-2	26,916,921	16.44	63.67	0.0	0.0	0.0	0.0	---
3	50,862,493	-43.30	74.32	0.0	0.0	0.0	0.0	-20.8
4	144,851,086	-33.40	86.19	0.0	0.0	0.0	0.0	-4.2

**SWR 1-146 MHz:**

Marker	Freq. (Hz)	RL (dB)	RP (°)	Z  (Ω)	Rs (Ω)	Xs (Ω)	Theta	SWR
1	1,882,522	-50.05	-27.43	50.3	50.3	-0.1	-0.2	1.01:1
2	28,799,443	-43.61	-25.49	50.6	50.6	-0.3	-0.3	1.01:1
1-2	26,916,921	6.44	1.94	0.3	0.3	0.1	0.0	---
3	50,862,493	-37.67	-27.77	51.2	51.2	-0.6	-0.7	1.03:1
4	144,851,086	-23.30	-48.00	54.8	54.5	-5.6	-5.8	1.15:1